Table 1 TÜV NORD STRASSENVERKEHR GMBH Vehicle system and traffic guidance Exhaust gas checking

Exhaust gas checking			TÜV			
			NORD			
			Strassenverkehr			
				Hanove	er 14.08.2002	
Test record	RL 70/220/E	EC in the ver	sion 98/69/EC			
Order No Vehicle ID Official No Manufacturer Tyre size	2063/02 WDB9036621R414193 WRM-0602		Fuel density Distance Test weight Oscillation mass Coefficients (A=/B Specialist	0.837 kg/dm ³ 363 km 2270 kg 5000 lbs 3=/C=) 9/0/619 Mr Braun		
Tester Driver Comments	Mr Wohlrab Mr Kozlik					
Oil temperature before test		23°C	Oil temperature after test 100°C		100°C	
Air pressure		1012.7 hPa	rel. humidity 62%		62%	

8.991

Oil temperature before test		23°C		Oil temperature after test			100°C
Air pressure Room temp. dry Room temp. wet		1012.7 hl 22.0°C 17.2°C	Pa	rel. humic abs. humi humidity	idity		62% 10.23g/kg air 0.985
Vmix PDP speed Test distance Power mean value Dilution factor PTS volume PTS removal temper	ature		134 114 409 35.4 24.1	.2 dm³	6 1 3 1 2	Phase 2 59.33 m ³ 1143 1/mir 7005.2 m 331.08 N 10.597 211.3 dm ³ 25.7°C	า
Bag values	Exhaust	gas 1		Air 1	Exhaust	gas 2	Air 2
HCc modal CO NOx CO2	53	vpm 21.2 89.5 33.0 800.0		vpm 3.9 2.0 0.6 500.0		vpm 27.6 117.1 67.7 500.0	vpm 3.4 0.2 0.5 400.0
Result	g/Pha	ase 1		g/km 1	g/Ph	ase 2	· g/km 2
HCc modal CO NOx CO2 Particles	14 8 1272	452 .711 3.808 156	:	0.355 3.593 2.151 310.733 0.324	1652 1652	1.051 0.132 6.270 2.725 1.525	0.150 1.446 1.323 235.929 8.991

11.961

Overall result	
HCc modal	0.226 g/km
CO	2.238 g/km
NOx	1.629 g/km
CO2	263.521 g/km
HCc + NOx	1.854 g/km
Consumption C	10.0871/100km
Particles	0.257 g/km

1/100 km

Consumption C

TÜV

Table 2 TÜV NORD STRASSENVERKEHR GMBH Vehicle system and traffic guidance Exhaust gas checking

	, J				NORI	<u> </u>	
					Strassenvei		
		-				r 14.08.2002	
Test record Order No	RL 70/220/EE 2058/02	C in t	he vers	sion 98/6 Fuel dens	59/EC	kg/dm ³	
Vehicle ID	WDB9036621R	209687	,	Distance	37747		
Official No	AUR-EC 97			Test weigh			
Manufacturer DC				Oscillation mass 5000 lbs			
					nts (A=/B=/C=) 9/0/	619	
Tyre size	225/70 R 15			Specialist	Mr Lei	ber	
Tester	Mr Wohlrab						
Driver	Mr Kozlik						
Comments	<u></u>						
Oil temperature before test 2		20°C	Oil tempera		erature after test	96°C	
Air pressure		1012.7	' hPa	rel. humi	dity	61%	
Room temp. dr		21.9°C		abs. hum		10.04g/kg air	
Room temp. we	et	17.0°C		humidity	corr.	0.978	
			Dh	4	.		
Vmix				se 1 .79 m³	Phase 2 68.4 m ³		
PDP speed					1143 1/mi	in	
Test distance			1143 1/min 4072.9 m		6972.4 m	111	
Power mean va	llue			59 N	327.18 N		
Dilution factor			27.3		11.864		
PTS volume			412.3 dm³		210.3 dm ³	3	
PTS removal te	mperature		23.8	3°C	25°C		
Bag values	Exhaust g	iac 1		Air 1	Exhaust gas 2	Air 7	
Dag values	_	vpm		vpm	vpm	Air 2	
HCc modal		16.7		3.7	18.6	vpm 3.0	
CO		83.1		0.8	76.5	0.4	
NOx		30.2		0.4	60.2	0.3	
CO2	48	00.0		400.0	11200.0	400.0	
Result	g/Pha	se 1		g/km 1	g/Phase 2	g/km 2	
HCc modal	•	112		0.272	0.674		
CO		.113 .077		0.273	0.671	0.096	
NOx		.180		3.456 2.008	6.509 8.214	0.934	
CO2	1186			291.196	1455.375	1.178 208.734	
Particles		.283	•	0.069	0.504	0.072	
Consumption C	1/100 k	m		11.207		7.930	
Overall result							
HCc modal	0.162 g	/km	71.7%	- 28.3%			
CO	1.864 g	/km		- 16.7%			
NOx	1.484 g		91% - 9				
CO2	239.141	l g/km	90.9%	- 9%			
HCc + NOx	1.646 g			- 11.2%			
Consumption C	•		0.9% -				
Particles	0.071 g	/km	27% - 7	12.3%			